

J. Riley,

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/436,454A

DATE: 04/12/2001

TIME: 10:58:59

Input Set : N:\Crf3\RULE60\09436454A.txt

Output Set: N:\CRF3\04122001\I436454A.raw

SEQUENCE LISTING

2 (1) GENERAL INFORMATION:

3 (i) APPLICANT: Perkin-Elmer Corporation,
4 Applied Biosystems Division5 (ii) TITLE OF INVENTION: HYBRIDIZATION ASSAY USING SELF-QUENCHING
6 FLUORESCENCE PROBE

7 (iii) NUMBER OF SEQUENCES: 14

8 (iv) CORRESPONDENCE ADDRESS:

9 (A) ADDRESSEE: David J. Weitz,
10 Haynes & Davis

11 (B) STREET: 2180 Sand Hill Road, Suite 310

12 (C) CITY: Menlo Park

13 (D) STATE: California

14 (E) COUNTRY: USA

15 (F) ZIP: 94025-6935

17 (v) COMPUTER READABLE FORM:

18 (A) MEDIUM TYPE: 3.5 inch diskette

19 (B) COMPUTER: IBM compatible

20 (C) OPERATING SYSTEM: Microsoft Windows 3.1/DOS 5.0

21 (D) SOFTWARE: Wordperfect for windows 6.0,

22 ASCII (DOS) TEXT format

24 (vi) CURRENT APPLICATION DATA:

25 (A) APPLICATION NUMBER: US/09/436,454A

26 (B) FILING DATE: 08-Nov-1999

27 (C) CLASSIFICATION:

29 (vii) PRIOR APPLICATION DATA:

30 (A) APPLICATION NUMBER: 09/207,170

31 (B) FILING DATE:

33 (viii) ATTORNEY/AGENT INFORMATION:

34 (A) NAME: David J. Weitz

35 (B) REGISTRATION NUMBER: 38,362

36 (C) REFERENCE/DOCKET NUMBER: PELM4264CIP2

38 (ix) TELECOMMUNICATION INFORMATION:

39 (A) TELEPHONE: (415) 233-0188

40 (B) TELEFAX: (415) 233-1129

42 (2) INFORMATION FOR SEQ ID NO: 1:

43 (i) SEQUENCE CHARACTERISTICS:

44 (A) LENGTH: 24 nucleotides

45 (B) TYPE: nucleic acid

46 (C) STRANDEDNESS: single

47 (D) TOPOLOGY: linear

48 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

49 ACCCACAGGA ACTGATCACC ACTC 24

51 (2) INFORMATION FOR SEQ ID NO: 2:

52 (i) SEQUENCE CHARACTERISTICS:

53 (A) LENGTH: 26 nucleotides

54 (B) TYPE: nucleic acid

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55 (C) STRANDEDNESS: single
56 (D) TOPOLOGY: linear
57 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
58 ATGTCGCGTT CCGGCTGACG TTCTGC 26
60 (2) INFORMATION FOR SEQ ID NO: 3:
61 (i) SEQUENCE CHARACTERISTICS:
62 (A) LENGTH: 27 nucleotides
63 (B) TYPE: nucleic acid
64 (C) STRANDEDNESS: single
65 (D) TOPOLOGY: linear
67 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
68 TCGCATTACT GATCGTTGCC AACCACT 27
70 (2) INFORMATION FOR SEQ ID NO: 4
71 (i) SEQUENCE CHARACTERISTICS:
72 (A) LENGTH: 31 nucleotides
73 (B) TYPE: nucleic acid
74 (C) STRANDEDNESS: single
75 (D) TOPOLOGY: linear
76 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4
77 GTACTGGTTG GCAACGATCA GTAATGCGAT G 31
79 (2) INFORMATION FOR SEQ ID NO: 5
80 (i) SEQUENCE CHARACTERISTICS:
81 (A) LENGTH: 28 nucleotides
82 (B) TYPE: nucleic acid
83 (C) STRANDEDNESS: single
84 (D) TOPOLOGY: linear
85 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5
86 CGGATTGCT GGTATCTATG ACAAGGAT 28
88 (2) INFORMATION FOR SEQ ID NO: 6
89 (i) SEQUENCE CHARACTERISTICS:
90 (A) LENGTH: 31 nucleotides
91 (B) TYPE: nucleic acid
92 (C) STRANDEDNESS: single
93 (D) TOPOLOGY: linear
94 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6
95 TTCATCCTTG TCATAGATAC CAGCAAATCC G 31
97 (2) INFORMATION FOR SEQ ID NO: 7
98 (i) SEQUENCE CHARACTERISTICS:
99 (A) LENGTH: 25 nucleotides
100 (B) TYPE: nucleic acid
101 (C) STRANDEDNESS: single
102 (D) TOPOLOGY: linear
103 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7
104 TCACCCACAC TGTGCCCATC TACGA 25
106 (2) INFORMATION FOR SEQ ID NO: 8
107 (i) SEQUENCE CHARACTERISTICS:
108 (A) LENGTH: 25 nucleotides
109 (B) TYPE: nucleic acid
110 (C) STRANDEDNESS: single

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111 (D) TOPOLOGY: linear
112 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8
113 CAGCGGAACC GCTCATGCC AATGG 25
115 (2) INFORMATION FOR SEQ ID NO: 9
116 (i) SEQUENCE CHARACTERISTICS:
117 (A) LENGTH: 26 nucleotides
118 (B) TYPE: nucleic acid
119 (C) STRANDEDNESS: single
120 (D) TOPOLOGY: linear
121 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9
122 ATGCCCTCCC CCATGCCATC CTGCGT 26
124 (2) INFORMATION FOR SEQ ID NO: 10
125 (i) SEQUENCE CHARACTERISTICS:
126 (A) LENGTH: 30 nucleotides
127 (B) TYPE: nucleic acid
128 (C) STRANDEDNESS: single
129 (D) TOPOLOGY: linear
130 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10
131 AGACGCAGGA TGGCATGGGG GAGGGCATA 30
133 (2) INFORMATION FOR SEQ ID NO: 11
134 (i) SEQUENCE CHARACTERISTICS:
135 (A) LENGTH: 24 nucleotides
136 (B) TYPE: nucleic acid
137 (C) STRANDEDNESS: single
138 (D) TOPOLOGY: linear
139 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11
140 CGCCCTGGAC TTTCGAGCAAG AGAT 24
142 (2) INFORMATION FOR SEQ ID NO: 12
143 (i) SEQUENCE CHARACTERISTICS:
144 (A) LENGTH: 28 nucleotides
145 (B) TYPE: nucleic acid
146 (C) STRANDEDNESS: single
147 (D) TOPOLOGY: linear
148 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12
149 CCATCTTGT CTCGAAGTCC AGGGCGAC 28
151 (2) INFORMATION FOR SEQ ID NO: 13
152 (i) SEQUENCE CHARACTERISTICS:
153 (A) LENGTH: 21 nucleotides
154 (B) TYPE: nucleic acid
155 (C) STRANDEDNESS: single
156 (D) TOPOLOGY: linear
157 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13
158 CAAGCTTCCC GTTCTCAGCC T 21
160 (2) INFORMATION FOR SEQ ID NO: 14
161 (i) SEQUENCE CHARACTERISTICS:
162 (A) LENGTH: 30 nucleotides
163 (B) TYPE: nucleic acid
164 (C) STRANDEDNESS: single
165 (D) TOPOLOGY: linear

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166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14
167 ACCGTCAAGG CTGAGAACGG GAAGCTTGTC 30

VERIFICATION SUMMARY
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L:25 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:26 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]